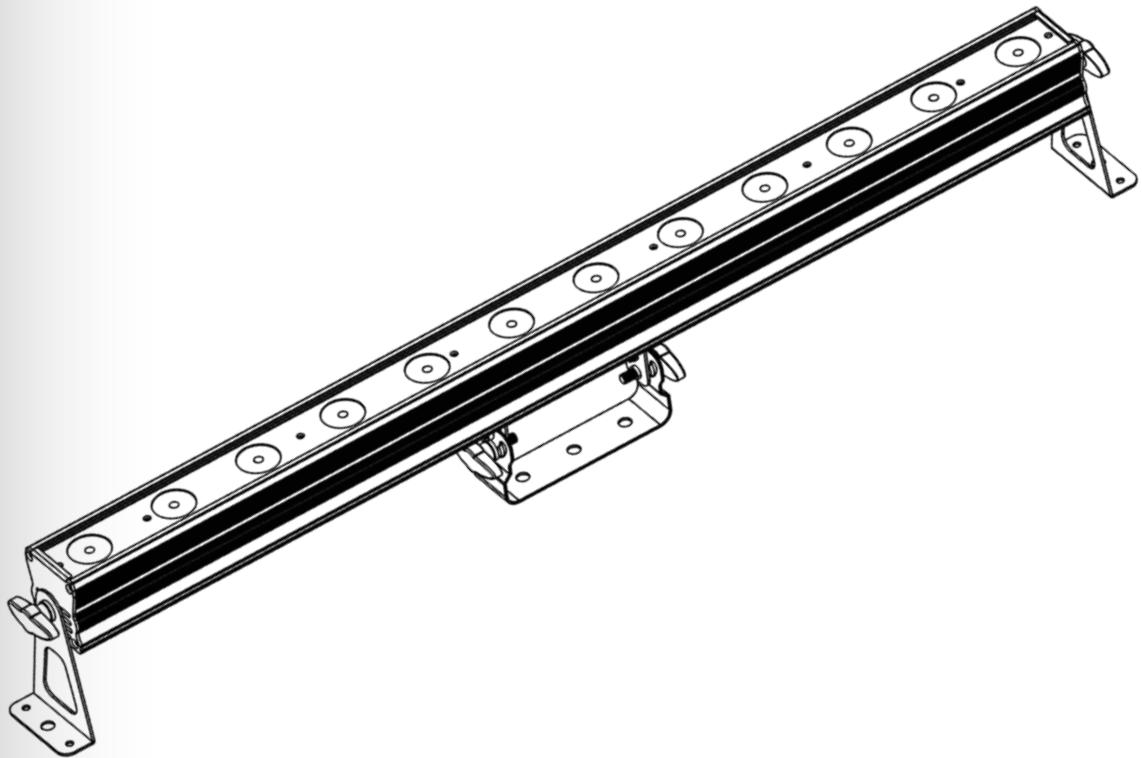


**COLORdash™ Batten-Quad 12**

## User Manual



**CHAUVE<sup>®</sup>**  
**PROFESSIONAL**

## Edition Notes

The COLORdash™ Batten-Quad 12 User Manual Rev. 4 covers the description, safety precautions, installation, programming, operation, and maintenance of the COLORdash™ Batten-Quad 12. Chauvet released this edition of the COLORdash™ Batten-Quad 12 User Manual in April 2015.

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### Document Printing

For better results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure your printer to scale the content accordingly.

### Intended Audience

Any person in charge of installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

### Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility for any errors or omissions in this document. Chauvet reserves the right to revise and make changes to the content of this document without obligation that Chauvet notify any person or company of such revision or changes. This does not in any way constitute a commitment by Chauvet to make such changes. Chauvet may issue a revision of this manual or a new edition to incorporate such changes.

### Document Revision

The COLORdash™ Batten-Quad 12 User Manual Rev. 4 supersedes all previous versions of this manual. Discard any older versions of this manual you may have, whether in printed or electronic format, and replace with this version.

Author	Date	Editor	Date Finalized
D. Coupe	3/31/15	M. Trouard	4/9/15

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# 1. Before You Begin

## What is Included

- COLORdash™ Batten-Quad 12
- Neutrik® powerCON® power cord
- 2 Trunnions
- Warranty card
- Quick Reference Guide

## Claims

Carefully unpack the product immediately and check the box to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

## Manual Conventions

Convention	Meaning
1–512	A range of values in the text
50/60	A set of mutually exclusive values in the text
<SET>	A button on the product's control panel
Settings	A product function or a menu option
<b>MENU&gt;Settings</b>	A sequence of menu options
1–10	A range of menu values from which to choose in a menu
Yes/No	A set of two mutually exclusive menu options in a menu
ON	A unique value to be entered or selected in a menu

## Symbols

Symbols	Meaning
	Critical installation, configuration, or operation information. Failure to comply with this information may cause the product not to work, damage third-party equipment, or cause harm to the operator.
	Important installation or configuration information. Failure to comply with this information may keep the product from working.
	Useful information.



The term “DMX” used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.

## Safety Notes



### Personal Safety

Read all the following Safety Notes before working with this product. These notes include important information about the installation, usage, and maintenance of this product.

**This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained Chauvet certified technicians. Do not open the housing or attempt any repairs.**

**All applicable local codes and regulations apply to proper installation of this product.**

### Mounting and Rigging

- Avoid direct eye exposure to the light source while the product is on.
- Always disconnect this product from its power source before servicing.
- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Do not touch this product's housing during operation because it may be very hot.
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it. (IP20)
- CAUTION: When transferring product from extreme temperature environments, (e.g. cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Make sure there are no flammable materials close to this product while it is operating.
- When hanging this product, always secure to a fastening device using a safety cable.
- Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.

### Power and Wiring

- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- Never connect this product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.
- Do not operate this product if you see damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at a higher temperature.
- In case of a serious operating problem, stop using this product immediately!

### Operation

**In the unlikely event that your Chauvet product may require service, contact Chauvet Technical Support.**

LEDs gradually decline in brightness over time, mostly because of heat. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal, single-LED conditions. For this reason, using clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan can be 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product and reducing the ambient temperature to an optimal operating range. In addition, limiting the overall projection intensity may also help to extend the LEDs' lifespan.

### Expected LED Lifespan



## 2. Introduction

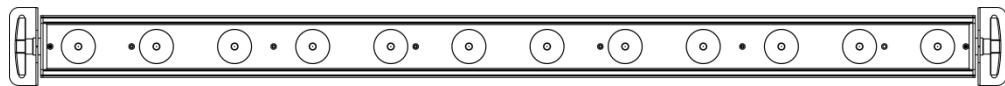
### Description

COLORdash™ Batten-Quad 12 is a linear wash fixture with 12 individually controllable quad-color RGBA LEDs that produce any variation of white, as well as richly saturated colors, due to the inclusion of amber LEDs. It maintains an even pixel pitch when used in multiples, either stacked in an array using the optional CBB6 bracket or lined up end-to-end. Setup is easy when using the hanging bracket, floor trunnions, 3- and 5-pin DMX connectors, and power linking.

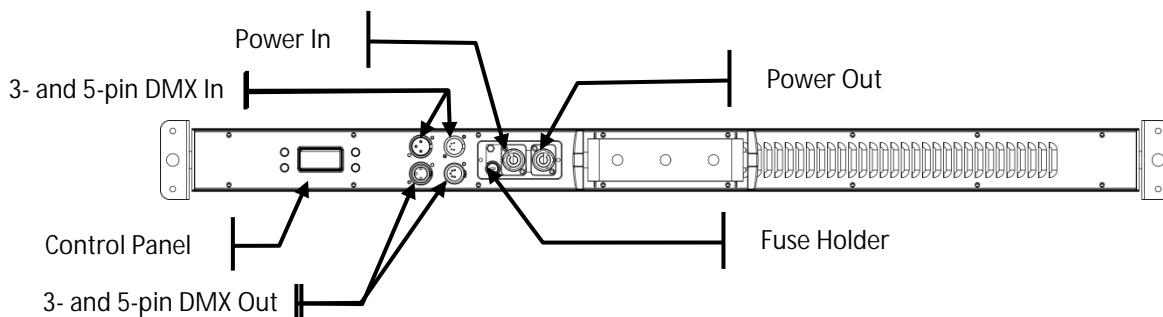
### Features

- 4, 6, 10, 48 or 52 quad-color LED wash product
- Operating modes:
  - 4-channel: RGBA control
  - 6-channel: RGBA, dimmer, strobe
  - 10-channel: RGBA, dimmer, strobe, color macro, white balance, auto programs, dimmer speed, auto speed
  - 48-channel: RGBA pixel control
  - 52-channel: RGBA pixel control, dimmer, strobe, auto programs, auto speed
- Built-in auto and custom programs via DMX or Master/Slave
- Metal construction for added durability
- Individual pixel control
- Silent flicker-free operation
- Mount multiple units stacked or end-to-end to maintain pixel pitch

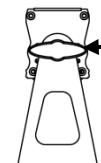
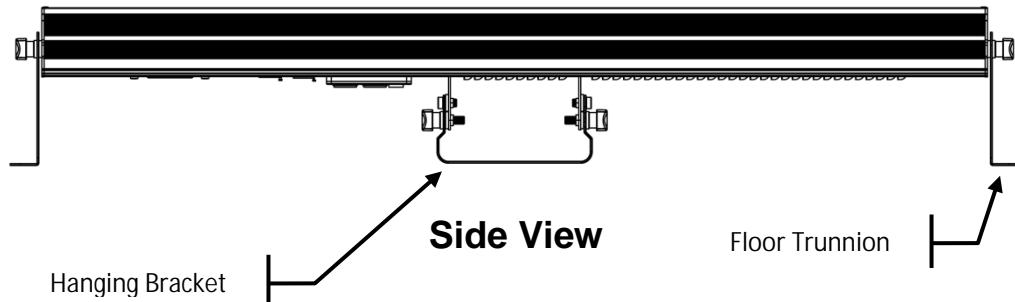
## Overview



**Front View**



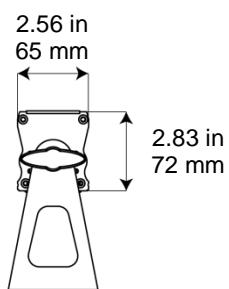
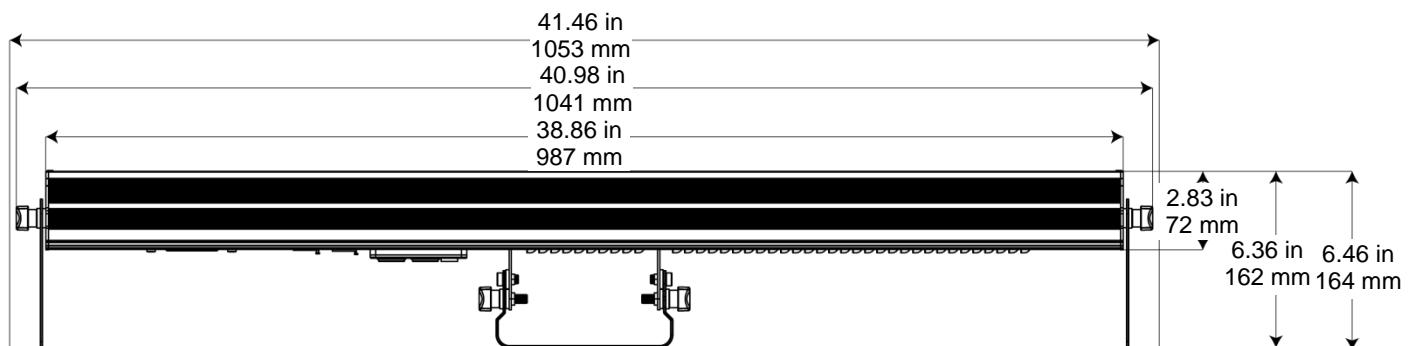
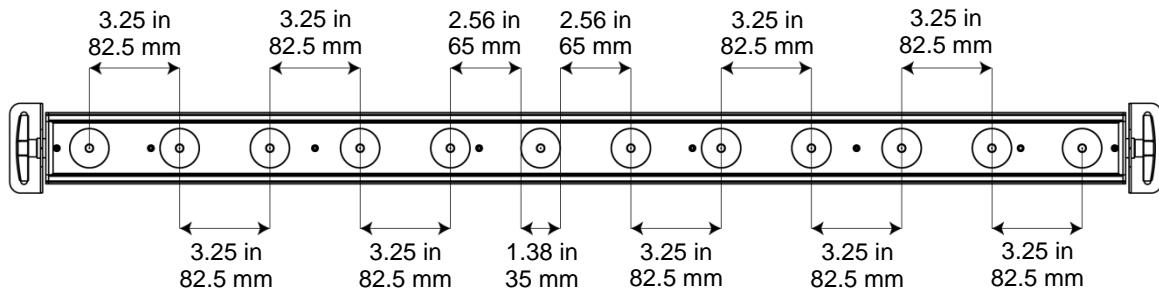
**Rear View**



Adjustment Knob

**End Cap View**

## Dimensions



### 3. Setup

#### AC Power

Each COLORdash™ Batten-Quad 12 has an auto-ranging power supply that works with an input voltage range of 100~240 VAC, 50/60 Hz. To determine the power requirements for each COLORdash™ Batten-Quad 12, refer to the label affixed to the product. You can also refer to the [Technical Specifications](#) chart in this manual.

The listed current rating indicates the maximum current draw during normal operation. For more information, you may download Sizing Circuit Breakers from the Chauvet website: [www.chauvetprofessional.com](http://www.chauvetprofessional.com).



- **Always connect this product to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**



**Never connect this product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.**

#### AC Plug

The COLORdash™ Batten-Quad 12 comes with a power input cord terminated with a Neutrik® powerCON® connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the Edison plug, use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

#### Fuse Replacement



**Make sure to disconnect the product's power cord before replacing a blown fuse. Always replace the blown fuse with another of the same type and rating.**

1. Disconnect this product from the power outlet.
2. Using a #2 flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with another fuse of the same type and rating (2 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

## Power Linking

The COLORdash™ Batten-Quad 12 supports power linking. You can power link up to 9 products at 120 V, 16 at 208 V, or 17 at 230 V.

This product comes with a power input cord. This product does not come with a power linking cable; however, a power linking cable is available as an option.

## DMX Linking

You can link the COLORdash™ Batten-Quad 12 to a DMX controller using a standard DMX serial connection. If using other DMX compatible products with the COLORdash™ Batten-Quad 12, you can control each individually with a single DMX controller.

## DMX Modes

The COLORdash™ Batten-Quad 12 uses the standard DMX data connection for the 4, 6, 10, 48, and 52 channel DMX modes.

- Refer to the [Introduction](#) chapter for a brief description of these modes.
- Refer to the [Operation](#) chapter to learn how to configure the COLORdash™ Batten-Quad 12 to work in these modes.
- The [DMX Values](#) section provides you with detailed information regarding the DMX modes.

## Master/Slave Connectivity

The Master/Slave mode allows a COLORdash™ Batten-Quad 12 (the “master”) to control one or more COLORdash™ Batten-Quad 12s (the “slaves”) without a DMX controller. One COLORdash™ Batten-Quad 12 becomes the master when running an auto program or by being in Static mode.

You must configure each slave product’s control panel to operate in Slave mode. During Master/Slave operation, the slave products will operate in unison with the master product.



**DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.**

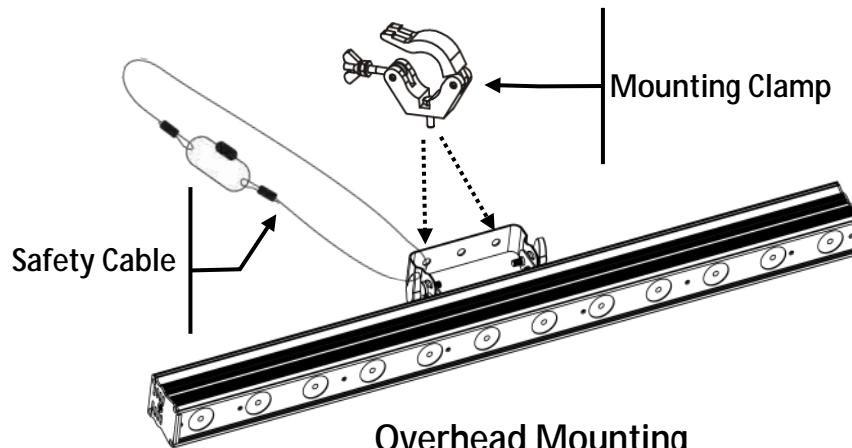
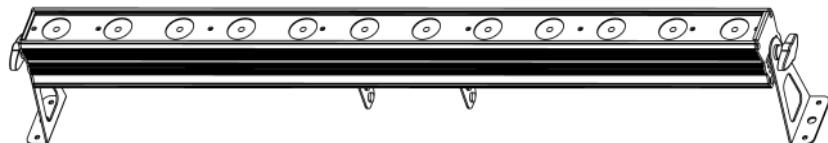


The [Operation](#) section of this manual provides detailed instructions on how to configure the Master and Slaves.



If you are not familiar with or need more information about DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: [www.chauvetprofessional.com](http://www.chauvetprofessional.com).

<b>Mounting</b>	Before mounting this product, read and follow the <a href="#">Safety Notes</a> . For our CHAUVENT® Professional line of mounting clamps, go to <a href="http://trusst.com/products/">http://trusst.com/products/</a> .
<b>Orientation</b>	Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration, and maintenance.
<b>Rigging</b>	Chauvet recommends using the following general guidelines when mounting this product. <ul style="list-style-type: none"> <li>• When selecting an installation location, consider easy access to this product for operation, programming adjustments, and routine maintenance.</li> <li>• Make sure to mount this product away from any flammable material as indicated in the <a href="#">Safety Notes</a>.</li> <li>• Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.</li> <li>• If hanging this product, make sure that the mounting location can support the product's weight. See the <a href="#">Technical Specifications</a> for the weight-bearing requirements of this product.</li> <li>• When hanging this product, always secure to a fastening device using a safety cable.</li> </ul>
<b>Procedure</b>	The COLORdash™ Batten-Quad 12 comes with a hanging bracket and trunnions. The trunnions also serve as floor supports. You must supply your own mounting clamps. Make sure the clamps are capable of supporting the weight of this product. Use at least one mounting point per product.

**Mounting Diagram****Floor Mounting**

## 4. Operation

Control Panel Description	Button	Function
	<MENU>	Exits from the current menu or function
	<ENTER>	Enables the currently displayed menu or sets the currently selected value in to the current function
	<UP>	Navigates upward through the menu list and increases the numeric value when in a function
	<DOWN>	Navigates downward through the menu list and decreases the numeric value when in a function
<b>Control Options</b>	You can set the COLORdash™ Batten-Quad 12 starting address in the 001–512 DMX range. This enables control of up to 9 products in the 52-channel <b>52 Ch</b> personality.	
<b>Programming</b>	Refer to the <a href="#">Menu Map</a> to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.	
	<ul style="list-style-type: none"> <li>• To go to the desired main level, press &lt;MENU&gt; repeatedly until the option shows on the display. Press &lt;ENTER&gt; to select. This will take you to the first programming level for that option.</li> <li>• To select an option or value within the current programming level, press &lt;UP&gt; or &lt;DOWN&gt; until the option shows on the display. Press &lt;ENTER&gt; to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.</li> <li>• Press &lt;MENU&gt; repeatedly to exit to the previous main level.</li> </ul>	

### DMX Personality

This setting allows you to choose a particular DMX personality.

1. Go to the **Channel** main level.
2. Select the desired personality (**4 Ch**, **6 Ch**, **10Ch**, **48Ch**, or **52Ch**).
- See the **DMX Values section** for the highest starting address you can select for each personality.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.



### DMX Control

In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison.

1. Select a DMX personality as shown in [DMX Personality](#).
2. Set the running mode:
  - a. Go to the **M&S Mode** main level.
  - b. Select **Slave**.
3. Set the starting address:
  - a. Go to the **Address** main level.
  - b. Select the starting address (**001–509**).

The highest recommended starting address for each DMX mode are as follows:



DMX Mode	DMX Address
<b>4 Ch</b>	509
<b>6 Ch</b>	507
<b>10Ch</b>	503
<b>48Ch</b>	465
<b>52Ch</b>	461

### Static Color

The Static Color mode allows for permanent RGBA color mixing without a DMX controller.

1. Go to the **Static** main level.
2. Select the **Fix C**.
  - a. Choose desired color combination.
3. Select the **Manu C**
  - a. Select a color: **R** (red), **G** (green), **B** (blue), or **A** (amber).
  - b. Select the desired color value (**000–255**).
  - c. Repeat for each color.

**Auto Programs** Auto programs allow for dynamic RGBA color mixing without a DMX controller.

1. Go to **Auto** main level.
2. Select the desired auto (**Auto 0–12**).
3. Select **Speed**.
4. Choose the desired speed value (**000–100**).



**You cannot edit any of the auto programs (Auto 0–12).**

**Auto Test**

This option allows you to test all the LEDs on the COLORdash™ Batten-Quad 12.

1. Go to **Info** main level.
2. Select **Auto > Test**.

**Master/Slave**

The Master/Slave mode allows a group of COLORdash™ Batten-Quad 12s (the slaves) to simultaneously duplicate the output of another COLORdash™ Batten-Quad 12 (the master) without a DMX controller.

1. Set each of the slaves:
  - a. Go to **M&S Mode**.
  - b. Select **Slave**.
2. Set the master:
  - a. Go to **M&S Mode**.
  - b. Select **Master**.
  - c. Select an Auto or Static program as explained in [Auto Programs](#).

- **The master is the one that runs a program whether in Auto or Static Color mode.**
- **Do not connect a DMX controller to the products configured for Master/Slave operation. The DMX controller may interfere with signals from the master product.**
- **The master should be the first product in the daisy chain.**



**Dimmer Curves** This setting determines how fast the output of the COLORdash™ Batten-Quad 12 changes when you modify the values of the red, green, blue, amber, and dimmer faders. This setting provides four different options to simulate the dimming curve of an incandescent lighting product.

1. Go to the **Dim Mode** main level.
2. Select a dimmer curve (**OFF**, **DIM 1**, **DIM 2**, or **DIM 3**).



**OFF:** The output is proportional (linear) to the dimmer and RGBA channel values.

**DIM1–DIM3:** The output follows the dimmer and RGBA channel values based on the corresponding dimmer curve, **DIM 1** being the fastest and **DIM 3** the slowest.

## Software Information

This option shows what version of software the COLORdash™ Batten-Quad 12 is running.

1. Go to the **Info** main level.
2. Select **Version**. (the version number will show on the screen)

## Fixture Hours

This option shows the total amount of hours the COLORdash™ Batten-Quad 12 has been turned on.

1. Go to the **Info** main level.
2. Select **FixHours** (the hours will show on the screen).

## Backlight

This setting allows you to set the amount of time the backlight on the COLORdash™ Batten-Quad 12 stays on after the last button is pressed on the control panel.

1. Go to the **BackLite** main level.
2. Select **On, 10S, 20S, or 30S**.
3. Press <ENTER>.

## White Balance

This setting allows you to select the white color shown by the COLORdash™ Batten-Quad 12 when the DMX controller's red, green, and blue faders are set to **255**.

1. Go to the **White Balance** main level.
2. Select a color: **R** (red), **G** (green), or **B** (blue).
3. Select a color value (125–255).
4. Repeat for each color.



**When selecting White Balance, you will only be able to define the values of red, green, and blue.**



**The values of red, green, and blue configured from White Balance will define the color temperature shown when the RGB faders are set to 255.**

## Menu Map

Main Level	Programming Levels			Description	
Auto	Auto 0–12	Speed	0–100	Auto programs	
	Fade			Fade effect in which each color merges to the next	
Static	Fix C	R		Red	
		G		Green	
		B		Blue	
		A		Amber	
		GB		Green/Blue	
		RB		Red/Blue	
		RG		Red/Green	
		RGB		Red/Green/Blue	
		RA		Red/Amber	
		GA		Green/Amber	
		BA		Blue/Amber	
		RG A		Red/Green/Amber	
		R BA		Red/Blue/Amber	
		GBA		Green/Blue/Amber	
		RGBA		Red/Green/Blue/Amber	
Dim Mode	Manu C	R	Value	Combines red, green, blue, and amber to make a custom color	
		G			
		B			
		A			
Dim Mode	Off			No dimmer	
	DIM 1–DIM 3			Dimmer curves	

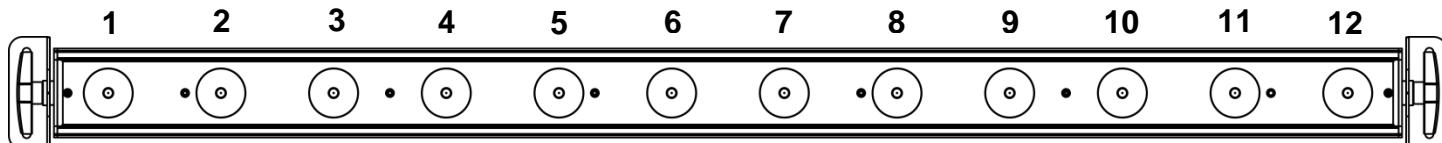
## Menu Map (cont.)

Main Level	Programming Levels		Description	
BackLite	<b>10S</b>		Turns off display backlight after 10 sec of inactivity	
	<b>20S</b>		Turns off display backlight after 20 sec of inactivity	
	<b>30S</b>		Turns off display backlight after 30 sec of inactivity	
	<b>On</b>		Display backlight always on	
Info	<b>Auto</b>	<b>Test</b>	Turns on all LEDs in sequence for testing	
	<b>FixHours</b>		Shows total operating hours	
	<b>Version</b>		Shows installed software version	
Address	<b>001–509</b>		Selects DMX address	
Channel	<b>4 Ch</b>		4-channel: RGBA control	
	<b>6 Ch</b>		6-channel: RGBA, dimmer, strobe	
	<b>10Ch</b>		10-channel: RGBA, dimmer, strobe, color macro, white balance, auto programs, dimmer speed, auto speed	
	<b>48Ch</b>		48-channel: RGBA pixel control	
	<b>52Ch</b>		52-channel: RGBA pixel control, dimmer, strobe, auto programs, auto speed	
M&S Mode	<b>Master</b>		DMX mode	
	<b>Slave</b>		Slave mode	
White Balance	<b>R</b>	<b>Value</b>	125–255	Sets red LED maximum value
	<b>G</b>			Sets green LED maximum value
	<b>B</b>			Sets blue LED maximum value

## DMX Values

52Ch	Channel	Function	Value	Percent/Setting
1	1	Red 1	000 ÷ 255	0–100%
2	2	Green 1	000 ÷ 255	0–100%
3	3	Blue 1	000 ÷ 255	0–100%
4	4	Amber 1	000 ÷ 255	0–100%
5	5	Red 2	000 ÷ 255	0–100%
6	6	Green 2	000 ÷ 255	0–100%
7	7	Blue 2	000 ÷ 255	0–100%
8	8	Amber 2	000 ÷ 255	0–100%
9	9	Red 3	000 ÷ 255	0–100%
10	10	Green 3	000 ÷ 255	0–100%
11	11	Blue 3	000 ÷ 255	0–100%
12	12	Amber 3	000 ÷ 255	0–100%
13	13	Red 4	000 ÷ 255	0–100%
14	14	Green 4	000 ÷ 255	0–100%
15	15	Blue 4	000 ÷ 255	0–100%
16	16	Amber 4	000 ÷ 255	0–100%
17	17	Red 5	000 ÷ 255	0–100%
18	18	Green 5	000 ÷ 255	0–100%
19	19	Blue 5	000 ÷ 255	0–100%
20	20	Amber 5	000 ÷ 255	0–100%
21	21	Red 6	000 ÷ 255	0–100%
22	22	Green 6	000 ÷ 255	0–100%
23	23	Blue 6	000 ÷ 255	0–100%
24	24	Amber 6	000 ÷ 255	0–100%
25	25	Red 7	000 ÷ 255	0–100%
26	26	Green 7	000 ÷ 255	0–100%
27	27	Blue 7	000 ÷ 255	0–100%
28	28	Amber 7	000 ÷ 255	0–100%
29	29	Red 8	000 ÷ 255	0–100%
30	30	Green 8	000 ÷ 255	0–100%
31	31	Blue 8	000 ÷ 255	0–100%
32	32	Amber 8	000 ÷ 255	0–100%
33	33	Red 9	000 ÷ 255	0–100%
34	34	Green 9	000 ÷ 255	0–100%
35	35	Blue 9	000 ÷ 255	0–100%
36	36	Amber 9	000 ÷ 255	0–100%

## COLORdash™ Batten-Quad 12 Sections for DMX Control



**DMX Values (cont.)**

<b>52Ch (cont.)</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	37	<b>Red 10</b>	000 ÷ 255	0–100%
	38	<b>Green 10</b>	000 ÷ 255	0–100%
	39	<b>Blue 10</b>	000 ÷ 255	0–100%
	40	<b>Amber 10</b>	000 ÷ 255	0–100%
	41	<b>Red 11</b>	000 ÷ 255	0–100%
	42	<b>Green 11</b>	000 ÷ 255	0–100%
	43	<b>Blue 11</b>	000 ÷ 255	0–100%
	44	<b>Amber 11</b>	000 ÷ 255	0–100%
	45	<b>Red 12</b>	000 ÷ 255	0–100%
	46	<b>Green 12</b>	000 ÷ 255	0–100%
	47	<b>Blue 12</b>	000 ÷ 255	0–100%
	48	<b>Amber 12</b>	000 ÷ 255	0–100%
	49	<b>Auto Programs</b>	000 ÷ 010 011 ÷ 030 031 ÷ 050 051 ÷ 070 071 ÷ 090 091 ÷ 110 111 ÷ 130 131 ÷ 150 151 ÷ 170 171 ÷ 190 191 ÷ 210 211 ÷ 230 231 ÷ 250 251 ÷ 255	No function Auto 1 Auto 2 Auto 3 Auto 4 Auto 5 Auto 6 Auto 7 Auto 8 Auto 9 Auto 10 Auto 11 Auto 12 Auto 1–12
	50	<b>Auto Speed</b>	000 ÷ 255	Slow to fast
	51	<b>Dimmer</b>	000 ÷ 255	0–100%
	52	<b>Strobe</b>	000 ÷ 010 011 ÷ 255	No function Slow to fast

<b>48Ch</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	1	<b>Red 1</b>	000 ÷ 255	0–100%
	2	<b>Green 1</b>	000 ÷ 255	0–100%
	3	<b>Blue 1</b>	000 ÷ 255	0–100%
	4	<b>Amber 1</b>	000 ÷ 255	0–100%
	5	<b>Red 2</b>	000 ÷ 255	0–100%
	6	<b>Green 2</b>	000 ÷ 255	0–100%
	7	<b>Blue 2</b>	000 ÷ 255	0–100%
	8	<b>Amber 2</b>	000 ÷ 255	0–100%
	9	<b>Red 3</b>	000 ÷ 255	0–100%
	10	<b>Green 3</b>	000 ÷ 255	0–100%
	11	<b>Blue 3</b>	000 ÷ 255	0–100%
	12	<b>Amber 3</b>	000 ÷ 255	0–100%

## DMX Values (cont.)

<b>48Ch (cont.)</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	13	Red 4	000 ÷ 255	0–100%
	14	Green 4	000 ÷ 255	0–100%
	15	Blue 4	000 ÷ 255	0–100%
	16	Amber 4	000 ÷ 255	0–100%
	17	Red 5	000 ÷ 255	0–100%
	18	Green 5	000 ÷ 255	0–100%
	19	Blue 5	000 ÷ 255	0–100%
	20	Amber 5	000 ÷ 255	0–100%
	21	Red 6	000 ÷ 255	0–100%
	22	Green 6	000 ÷ 255	0–100%
	23	Blue 6	000 ÷ 255	0–100%
	24	Amber 6	000 ÷ 255	0–100%
	25	Red 7	000 ÷ 255	0–100%
	26	Green 7	000 ÷ 255	0–100%
	27	Blue 7	000 ÷ 255	0–100%
	28	Amber 7	000 ÷ 255	0–100%
	29	Red 8	000 ÷ 255	0–100%
	30	Green 8	000 ÷ 255	0–100%
	31	Blue 8	000 ÷ 255	0–100%
	32	Amber 8	000 ÷ 255	0–100%
	33	Red 9	000 ÷ 255	0–100%
	34	Green 9	000 ÷ 255	0–100%
	35	Blue 9	000 ÷ 255	0–100%
	36	Amber 9	000 ÷ 255	0–100%
	37	Red 10	000 ÷ 255	0–100%
	38	Green 10	000 ÷ 255	0–100%
	39	Blue 10	000 ÷ 255	0–100%
	40	Amber 10	000 ÷ 255	0–100%
	41	Red 11	000 ÷ 255	0–100%
	42	Green 11	000 ÷ 255	0–100%
	43	Blue 11	000 ÷ 255	0–100%
	44	Amber 11	000 ÷ 255	0–100%
	45	Red 12	000 ÷ 255	0–100%
	46	Green 12	000 ÷ 255	0–100%
	47	Blue 12	000 ÷ 255	0–100%
	48	Amber 12	000 ÷ 255	0–100%

## DMX Values (cont.)

10Ch	Channel	Function	Value	Percent/Setting
1	1	Dimmer	000 ÷ 255	0÷100%
2	2	Red	000 ÷ 255	0÷100%
3	3	Green	000 ÷ 255	0÷100%
4	4	Blue	000 ÷ 255	0÷100%
5	5	Amber	000 ÷ 255	0÷100%
6	6	Strobe	000 ÷ 010 011 ÷ 255	No function Slow to fast
7	7	Color Macro + White Balance	000 ÷ 010 011 ÷ 030 031 ÷ 050 051 ÷ 070 071 ÷ 090 091 ÷ 110 111 ÷ 130 131 ÷ 150 151 ÷ 170 171 ÷ 200 201 ÷ 205 206 ÷ 210 211 ÷ 215 216 ÷ 220 221 ÷ 225 226 ÷ 230 231 ÷ 235 236 ÷ 240 241 ÷ 245 246 ÷ 250 251 ÷ 255	No function R: 100% G: 0÷100% B: 0 R: 100%-0 G: 100% B: 0 R: 0 G: 100% B: 0÷100% R: 0 G: 100%-0 B: 100% R: 0÷100% G: 0 B: 100% R: 100% G: 0 B: 100%-0 R: 100%-0 G: 100%-0 B: 100% RGB: 100% White 1 White 2 White 3 White 4 White 5 White 6 White 7 White 8 White 9 White 10 White 11
8	8	Auto Programs	000 ÷ 010 011 ÷ 030 031 ÷ 050 051 ÷ 070 071 ÷ 090 091 ÷ 110 111 ÷ 130 131 ÷ 150 151 ÷ 170 171 ÷ 190 191 ÷ 210 211 ÷ 230 231 ÷ 250 251 ÷ 255	No function Auto 1 Auto 2 Auto 3 Auto 4 Auto 5 Auto 6 Auto 7 Auto 8 Auto 9 Auto 10 Auto 11 Auto 12 Auto 1-12
9	9	Auto Speed	000 ÷ 255	Slow to fast
10	10	Dimmer Speed	000 ÷ 051 052 ÷ 101 102 ÷ 152 153 ÷ 203 204 ÷ 255	Preset dimmer speed from display menu Linear dimmer Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 (slowest)

## DMX Values (cont.)

<b>6 Ch</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	1	<b>Dimmer</b>	000 ÷ 255	0–100%
	2	<b>Red</b>	000 ÷ 255	0–100%
	3	<b>Green</b>	000 ÷ 255	0–100%
	4	<b>Blue</b>	000 ÷ 255	0–100%
	5	<b>Amber</b>	000 ÷ 255	0–100%
	6	<b>Strobe</b>	000 ÷ 010 011 ÷ 255	No Function Slow to Fast

<b>4 Ch</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	1	<b>Red</b>	000 ÷ 255	0–100%
	2	<b>Green</b>	000 ÷ 255	0–100%
	3	<b>Blue</b>	000 ÷ 255	0–100%
	4	<b>Amber</b>	000 ÷ 255	0–100%

## 5. Technical Information

### Product Maintenance

To maintain optimum performance and minimize wear, you should clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

As a rule, clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean your product:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
4. Clean all external surfaces with a mild solution of non-ammonia glass cleaner or isopropyl alcohol.
5. Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
6. Wipe any dirt or grime to the outside edges of the lens surface.
7. Gently polish the lens surfaces until they are free of haze and lint.



**Always dry the external surfaces thoroughly and carefully after cleaning them.**

### Returns

You must send the product prepaid, in the original box, and with the original packing and accessories. Chauvet will not issue call tags.

Call Chauvet and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause(s) for the return.

Clearly label the package with an RMA number. Chauvet will refuse any product returned without an RMA number.



**DO NOT write the RMA number directly on the box. Instead, write it on a properly affixed label.**

Once you have received the RMA number, include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem(s)

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. FedEx packing or double-boxing are recommended.



**Chauvet reserves the right to use its own discretion to repair or replace returned product(s).**

## Technical Specifications

Dimensions and Weight	Length	Width	Height	Weight
	41 in (1041 mm)	3.2 in (82 mm)	6.5 in (164 mm)	10.6 lb (4.8 kg)
<b>Note:</b> Dimensions in inches rounded to the nearest decimal digit.				
Power	Power Supply Type		Range	Voltage Selection
	Switching (internal)		100 to 240 V, 50/60 Hz	Auto-ranging
	Parameter		120 V, 60 Hz	230 V, 50 Hz
	Consumption		175 W	175 W
	Operating		1.45 A	0.76 A
	Power linking current		13.6 A (9 products)	13.6 A (17 products)
	Fuse		2 A, 250 V	2 A, 250 V
	Power I/O		U.S./Worldwide	Europe
	Power input connector		Neutrik® powerCON® A	Neutrik® powerCON® A
	Power output connector		Neutrik® powerCON® B	Neutrik® powerCON® B
	Power cord plug		Edison (U.S.)	Local plug
Light Source	Type	Power	Lifespan	
	LED	7 W	50,000 hours	
	Color		Quantity	Current
	Quad-color (RGBA)		12	500 mA
Photometrics	Parameter	Standard 20° Optics		
	Illuminance @ 5 m	539 lx		
	Beam angle	22°		
	Field angle	31°		
Thermal	Max. External Temperature		Cooling System	
	113 °F (45 °C)		Convection	
DMX	I/O Connectors		Connector Type	Channel Range
	3- and 5-pin XLR		Sockets	4, 6, 10, 48 or 52
Ordering	Product Name		Item Code	UPC Number
	COLORdash™ Batten-Quad 12		03030714	781462210625



UL 1573  
CSA C22.2 No. 166  
E113093

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Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux contact the dealer of record.  
Follow their instructions to request support or to return a product. Visit our website for contact details.

#### **Technical Support**

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